**Project: Solving the Energy Crisis- Research Guide**

**Team Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions: Answer each of the following questions using the computers for research. Each team member must know the answers to all questions in order to prepare for the debate.**

**Coal:**

1. **What is coal in terms of an energy resource?**
2. **What is used to generate the energy using coal?**
3. **Give 2 pros (advantages) of using coal for an energy resource.**
4. **Give 2 cons (disadvantages) of using coal for an energy resource.**

**Oil:**

1. **What is oil in terms of an energy resource?**
2. **What is used to generate energy using oil?**
3. **Give 2 pros (advantages) of using oil for an energy resource.**
4. **Give 2 cons (disadvantages) of using oil for an energy resource.**

**Natural Gas:**

1. **What is natural gas in terms of an energy resource?**
2. **What is used to generate energy using natural gas?**
3. **Give 2 pros (advantages) of using natural gas for an energy resource.**
4. **Give 2 cons (disadvantages) of using natural gas for an energy resource.**

**Nuclear Power:**

1. **What is nuclear power in terms of an energy resource?**
2. **What is used to generate energy using nuclear power?**
3. **Give 2 pros (advantages) of using nuclear power for an energy resource.**
4. **Give 2 cons (disadvantages) of using nuclear power for an energy resource.**

**Biomass:**

1. **What is biomass in terms of an energy resource?**
2. **What is used to generate energy using biomass?**
3. **Give 2 pros (advantages) of using biomass for an energy resource.**
4. **Give 2 cons (disadvantages) of using biomass for an energy resource.**

**Wind:**

1. **What is wind in terms of an energy resource?**
2. **What is used to generate energy using wind?**
3. **Give 2 pros (advantages) of using wind for an energy resource.**
4. **Give 2 cons (disadvantages) of using wind for an energy resource.**

**Hydropower:**

1. **What is hydropower in terms of an energy resource?**
2. **What is used to generate energy using hydropower?**
3. **Give 2 pros (advantages) of using hydropower for an energy resource.**
4. **Give 2 cons (disadvantages) of using hydropower for an energy resource.**

**Solar:**

1. **What is solar in terms of an energy resource?**
2. **What is used to generate energy using solar?**
3. **Give 2 pros (advantages) of using solar for an energy resource.**
4. **Give 2 cons (disadvantages) of using solar for an energy resource.**

**Geothermal:**

1. **What is geothermal in terms of an energy resource?**
2. **What is used to generate energy using geothermal?**
3. **Give 2 pros (advantages) of using geothermal for an energy resource.**
4. **Give 2 cons (disadvantages) of using geothermal for an energy resource.**